

# NEBRASKA WEATHER & CROPS

Week Ending May 31, 1987

Issue: 12-87

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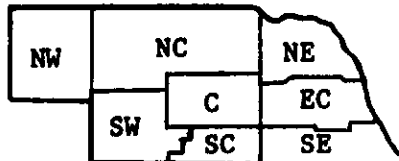
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National Weather Service



Nebraska Department of Agriculture  
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## WEATHER

The week was wet and warm. Rainfall ranged from about an inch in the west and central to five inches in the east. Average temperatures ranged from near normal west to three degrees above normal east.

## GENERAL

Rain limited fieldwork for Nebraska producers as corn, soybean and sorghum planting progressed slowly on the lighter soils. Erosion problems in many areas hampered emergence progress, resulting in spotty, uneven stands. Hail damage was reported in the Panhandle. Flooding in some northeast, east central and southeast areas has delayed planting and drowned emerged seedlings. Replanting will be necessary in many areas. The wet soil prevented cultivation, allowing weeds to get ahead of the planted crops. Spraying for thistle was active. The number of days suitable for fieldwork averaged 1.6 days for the State.

Topsoil moisture condition rated 65% adequate and 35% surplus. Subsoil moisture condition rated 80% adequate and 20% surplus. Last year, topsoil moisture rated 5% short, 68% adequate and 27% surplus. Subsoil moisture rated 1% short, 91% adequate and 8% surplus.

## CROPS

Winter wheat condition rated 20% fair, 73% good and 7% excellent. The crop advanced to 95% headed compared to 76% last year and a 44% average. A few fields

## CROPS (Cont.)

have begun to turn color. Russian wheat aphids continue to be a problem in western Nebraska. Spraying has been active.

Corn planting was near completion, although replanting will be necessary in some areas due to heavy run off and flooding. The crop was 90% emerged, equal to last year but above the average of 60%. Emergence was uneven in some areas because of the excess water. Grass and weeds caused problems due to the inability to cultivate.

Soybean planting progressed to 70% complete, still ahead of last year's 68% and the average of 48%. The crop is 55% emerged compared to 40% last year and the average of 34%. Bean leaf beetles were reported in the East Central District.

Sorghum planting fell behind last year, only 65% of the crop is planted compared to 78% last year and a 48% average. Emergence at 45% fell behind the 48% last year but doubles the 22% average.

Alfalfa hay condition rated 3% poor, 31% fair, 54% good and 12% excellent. Rain caught many fields cut but not baled. This year's crop was 45% harvested compared to 26% last year and an average of 18%. Wild hay condition rated 13% fair, 79% good and 8% excellent.

## LIVESTOCK

The rains nourished range and pasture grasses across the State. The added moisture boosted growth as more cattle are turned out. Range and pasture feed supplies rated 80% adequate and 20% surplus.

Precipitation, April 1 - May 29, 1987

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	1.51	1.16	1.69	.91	1.86	.91	.63	2.45
Total since April 1 .....	5.23	4.53	4.51	4.86	5.64	5.35	6.48	8.97
Normal since April 1 .....	4.63	5.04	5.94	5.48	6.17	4.73	5.54	6.49

Run 1450

6/1/87

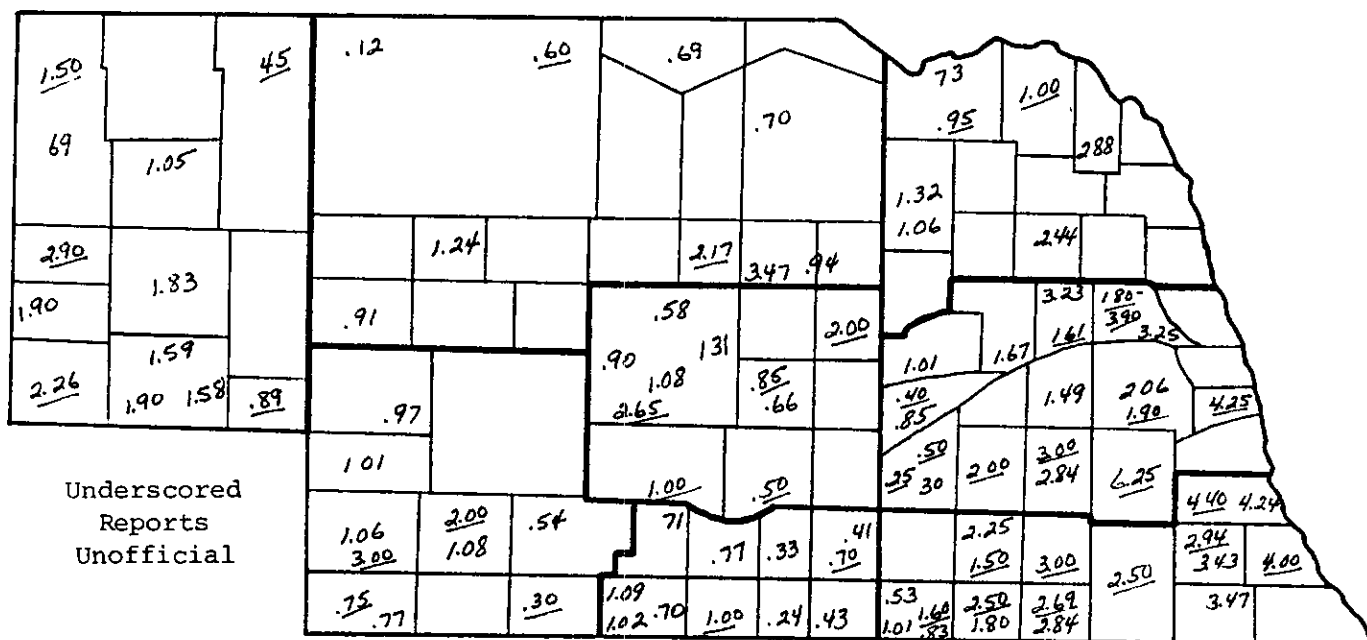
NEBRASKA



AGRICULTURAL  
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Run 1450  
6-1-87

# PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 29, 1987



## TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, MAY 31, 1987

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches <u>1/</u>
		Max	Min			
NW	Chadron	--	--	--	--	--
	Scottsbluff	83	41	61	0	1.50
	Sidney	84	39	60	--	--
NC	Ord	89	53	67	--	--
	Valentine	89	44	63	+1	.60
NE	Norfolk	85	54	67	+2	2.26
	Sioux City	85	50	67	+1	1.58
CEN	Grand Island	88	52	67	+2	.53
EC	Lincoln	85	59	69	+3	2.80
	Omaha	82	57	68	+2	4.16
SW	Imperial	--	--	--	--	--
	North Platte	87	46	64	+2	.50

1/ Precipitation totals not included in map above.

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